

## TRAVELING DEVICE IN MOVING SHELF

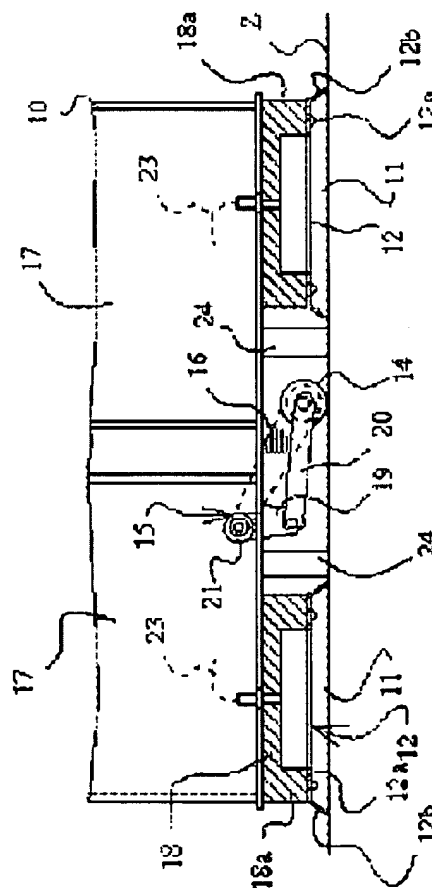
**Patent number:** JP2002265017  
**Publication date:** 2002-09-18  
**Inventor:** WADA TOSHIO  
**Applicant:** NIPPON YUSOKI CO LTD  
**Classification:**  
 - international: B65G1/10; A47B53/02; B61B13/08; B65G7/06  
 - european:  
**Application number:** JP20010068702 20010312  
**Priority number(s):**

Report a data error here

### Abstract of JP2002265017

**PROBLEM TO BE SOLVED:** To provide a traveling device in a moving shelf capable of minimizing an increase in a construction cost of a building for installing the moving shelf, and capable of reducing required strength to the moving shelf itself.

**SOLUTION:** This traveling device is characterized by being composed of an annular skirt member 12 arranged in a lower part of the moving shelf 10, elastically contacted with a floor surface Z for installing the moving shelf, and forming a pressurizing chamber 11 between the floor surface and an under surface of the moving shelf, a compressor for floating the moving shelf by sending compressed air into the pressurizing chamber, a driving wheel 14 arranged under the moving shelf, contacted with the floor surface, and moving the moving shelf, a driving mechanism 15 for rotatably driving the driving wheel, and a pressing mechanism 16 for elastically contacting the driving wheel with the floor surface.



Data supplied from the esp@cenet database - Patent Abstracts of Japan